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## **ABSTRACT**

This invention includes a power supply having a plurality of cables, each corresponding to a unique electronic host device. The cable includes a memory device having predetermined power characteristics associated with an electronic host device. The cable further includes a unique mating connector for coupling to the electronic host device. The power supply includes a control circuit that reads the power characteristics and configures the power supply to charge the electronic host device. The system allows a user to carry a single power supply with multiple cables as opposed to having to transport many different power supplies.